

ductruong

***** STN Columbus *****

FILE 'HOME' ENTERED AT 15:05:51 ON 23 APR 2008

=> FILE PNTEXT

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'EPFULL' ENTERED AT 15:06:25 ON 23 APR 2008

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FILE 'RDISCLOSURE' ENTERED AT 15:06:25 ON 23 APR 2008

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FILE 'USPATFULL' ENTERED AT 15:06:25 ON 23 APR 2008

CA INDEXING COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPATOLD' ENTERED AT 15:06:25 ON 23 APR 2008

CA INDEXING COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPAT2' ENTERED AT 15:06:25 ON 23 APR 2008

CA INDEXING COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

=> s (bridged by a transition metal or transition metal bridged) and polymer#

3 FILES SEARCHED...

5 FILES SEARCHED...

8 FILES SEARCHED...

L1 28 (BRIDGED BY A TRANSITION METAL OR TRANSITION METAL BRIDGED) AND POLYMER#

=> s l1 and O and NH

L2 10 L1 AND O AND NH

=> s L2 AND M VALENT ORGANIC RADICAL#

L3 3 L2 AND M VALENT ORGANIC RADICAL#

=> D L3 1-3

L3 ANSWER 1 OF 3 EPFULL COPYRIGHT 2008 EPO/FIZ KA on STN

AN 2003:114101 EPFULL

DUPD 20040630 DUPW 200427

TIEN POLYMERS BRIDGED BY A

TRANSITION METAL.

TIER POLYMERES PONTES PAR DES METAUX DE TRANSITION.

TIDE BERGANGSMETALL-VERBR CKTE POLYMERE.

ductruong

IN NOERENBERG, Ralf, Turnierstr. 45, 55218 Ingelheim, DE;
WAGNER, Norbert, Frankenstr. 6, 67112 Mutterstadt, DE;
FERNANDEZ GONZALEZ, Monica, Steubenstr. 14, 69121 Heidelberg, DE;
SCHUBERT, Ulrich, An der Isarau 7, 85737 Ismaning, DE;
SCHMATLOCH, Stefan, St. Rochusstraat 34, NL-5611 Eindhoven, NL

PA BASF AKTIENGESSELLSCHAFT, , 67056 Ludwigshafen, DE

PAN 200001

DT Patent

LAF German

LA German

LAP German

TL German; English; French

PIT WOAl International application published with search report

PI WO 2004037897 A1 20040506

DS AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE
SI SK TR

EXTENSION STATES: AL LT LV MK

AI EP 2003-809329 A 20031024
WO 2003-EP11852 A 20031024

PRAI DE 2002-10250274 A 20021028

IC.VER 7

ICM C08G065-00

AN 2003:114101 EPFULL ED 20050803 UP 20060512
DUPD 20060510 DUPW 200619

TIEN POLYMERS BRIDGED BY A
TRANSITION METAL.

TIFR POLYMERES PONTES PAR DES METAUX DE TRANSITION.

TIDE UEBERGANGSMETALL-VERBRUECKTE POLYMERE.

IN NOERENBERG, Ralf, Turnierstr. 45, 55218 Ingelheim, DE;
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SCHMATLOCH, Stefan, St. Rochusstraat 34, NL-5611 Eindhoven, NL

PA BASF Aktiengesellschaft, 67056 Ludwigshafen, DE

PAN 200001

AG Isenbruck, Guenter, Isenbruck, Boesl, Hoerschler, Wichmann, Huhn
Patentanwaelte Theodor-Heuss-Anlage 12, 68165 Mannheim, DE

AGN 52184

DT Patent

LAF German

LA German

LAP German

TL German; English; French

PIT EPA1 Application published with search report

PI EP 1558667 A1 20050803
WO 2004037897 20040506

DS AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE
SI SK TR

AI EP 2003-809329 A 20031024
WO 2003-EP11852 A 20031024

PRAI DE 2002-10250274 A 20021028

IPCI C08G065-00 [I,A]
C08G065-00 [I,C*]

AN 2003:114101 EPFULL ED 20060928 UP 20080402
DUPD 20080402 DUPW 200814

TIEN POLYMERS BRIDGED BY A
TRANSITION METAL.

ductruong

TIFR POLYMERES PONTES PAR DES METAUX DE TRANSITION.
TIDE UeBERGANGSMETALL-VERBRUECKTE POLYMERE.
IN NOERENBERG, Ralf, Turnierstr. 45, 55218 Ingelheim, DE;
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SCHUBERT, Ulrich, An der Isarau 7, 85737 Ismaning, DE;
SCHMATLOCH, Stefan, St. Rochusstraat 34, NL-5611 Eindhoven, NL
PA BASF Aktiengesellschaft, 67056 Ludwigshafen, DE
PAN 200001
AG Isenbruck, Guenter, Isenbruck, Boesl, Hoerschler, Wichmann, Huhn
Patentanwaelte Theodor-Heuss-Anlage 12, 68165 Mannheim, DE
AGN 52184
DT Patent
LAF German
LA German
LAP German
TL German; English; French
PIT EPB1 Granted patent
PI EP 1558667 B1 20060927
WO 2004037897 20040506
DS AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE
SI SK TR
AI EP 2003-809329 A 20031024
WO 2003-EP11852 A 20031024
DE 2002-10250274 A 20021028
PRAI SCHUBERT ET AL.: "Approach towards high molecular mass polymers via
REN metal complexing oligomers" POLYMER PREPRINTS, Bd. 42, Nr. 2, 2001,
Seiten 395-396, XP009025723 in der Anmeldung erwaehnt;
SCHUBERT ET AL.: "Functional (Block) Copolymers with metal
complexing segments" POLYMER PREPRINTS, Bd. 41, Nr. 1, 2000, Seiten
542-543, XP009025724 in der Anmeldung erwaehnt;
SCHUBERT ET AL.: "Functionalized polymers with metal complexing
segments: a simple and high-yield entry towards 2,2 : 6,2
-terpyridine-based oligomers" MACROMOL. RAPID COMMUN., Bd. 21, Nr. 16,
2000, Seiten 1156-1161, XP002269861;
SCHUBERT ET AL.: "Makromolekuele mit Bipyridin- und
Terpyridinkomplexen als Verknuepfungsstellen: erste Schritte auf dem Weg
zu metallo-supramolekularen Polymeren" ANGEW. CHEM., Bd. 114, 16. August
2002 (2002-08-16), Seiten 3017-3050, XP002269862;
SHAY G D: "ALKALI-SWELLABLE AND ALKALI-SOLUBLE THICKENER TECHNOLOGY
A REVIEW" ADVANCES IN CHEMISTRY SERIES, AMERICAN CHEMICAL SOCIETY,
WASHINGTON, DC, US, Bd. 223, 1989, Seiten 457-494, XP008001247 ISSN:
0065-2393
REP WO 9428060 A
IPCI C08G0065-00 [I,A]
C08G0065-00 [I,C*]
L3 ANSWER 2 OF 3 PCTFULL COPYRIGHT 2008 Univentio on STN
AN 2004037897 PCTFULL ED 20040512 EW 200419
TIEN POLYMERS BRIDGED BY A
TRANSITION METAL
TIFR POLYMERES PONTES PAR DES METAUX DE TRANSITION
TIDE UeBERGANGSMETALL-VERBRUECKTE POLYMERE
IN NOERENBERG, Ralf, Turnierstr. 45, 55218 Ingelheim, DE [DE, DE];
WAGNER, Norbert, Frankenstr. 6, 67112 Mutterstadt, DE [DE, DE];
FERNANDEZ GONZALEZ, Monica, Steubenstr. 14, 69121 Heidelberg, DE [DE,
DE];
SCHUBERT, Ulrich, An der Isarau 7, 85737 Ismaning, DE [DE, DE];
SCHMATLOCH, Stefan, St. Rochusstraat 34, NL-5611 Eindhoven, NL [NL, NL]

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PA BASF AKTIENGESELLSCHAFT, 67056 Ludwigshafen, DE [DE, DE], for all
designates States except US;
NOERENBERG, Ralf, Turnierstr. 45, 55218 Ingelheim, DE [DE, DE], for US
only;
WAGNER, Norbert, Frankenstr. 6, 67112 Mutterstadt, DE [DE, DE], for US
only;
FERNANDEZ GONZALEZ, Monica, Steubenstr. 14, 69121 Heidelberg, DE [DE,
DE], for US only;
SCHUBERT, Ulrich, An der Isarau 7, 85737 Ismaning, DE [DE, DE], for US
only;
SCHMATLOCH, Stefan, St. Rochusstraat 34, NL-5611 Eindhoven, NL [NL, NL],
for US only
AG ISENBRUCK, Guenter, Isenbruck Boesl Hoerschler Wichmann Huhn
Theodor-Heuss-Anlage 12, 68165 Mannheim, DE
LAF German
LA German
DT Patent
PI WO 2004037897 A1 20040506
DS W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL
IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK
SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
RW (ARIPO): GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
RW (EAPO): AM AZ BY KG KZ MD RU TJ TM
RW (EPO): AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR
RW (OAPI): BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
PRAI DE 2002-102 50 274.9 20021028
AI WO 2003-EP11852 A 20031024
ICM C08G065-00

L3 ANSWER 3 OF 3 USPATFULL on STN
AN 2006:61409 USPATFULL
TI Polymers bridged by a transition
metal
IN Noerenberg, Ralf, TURNIERSTR. 45, INGELHEIM, GERMANY, FEDERAL REPUBLIC
OF 55218
Wagner, Norbert, Mutterstadt, GERMANY, FEDERAL REPUBLIC OF
Gonzalez, Minica Fernandez, Heidelberg, GERMANY, FEDERAL REPUBLIC OF
Schubert, Ulrich S., Ismaning, GERMANY, FEDERAL REPUBLIC OF
Schmatloch, Stefan, Eindhoven, NETHERLANDS
PA BASF AKTIENGESELLSCHAFT, LUDWIGSHAFEN, GERMANY, FEDERAL REPUBLIC OF,
67056 (non-U.S. corporation)
PI US 2006052579 A1 20060309
AI US 2003-532723 A1 20031024 (10)
WO 2003-EP11852 20031024
20050427 PCT 371 date
PRAI DE 2002-10250274 20021028
DT Utility
FS APPLICATION
LN.CNT 316
INCL INCLM: 528/423.000
INCLS: 528/492.000; 525/540.000
NCL NCLM: 528/423.000
NCLS: 525/540.000; 528/492.000
IC IPCI C08G0073-06 [I,A]; C08G0073-00 [I,C*]; C08F0006-00 [I,A];
C08L0057-12 [I,A]; C08L0057-00 [I,C*]
IPCR C08G0073-00 [I,C]; C08G0073-06 [I,A]; C08F0006-00 [I,C];

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C08F0006-00 [I,A]; C08G0065-00 [I,C*]; C08G0065-333 [I,A];
C08G0065-338 [I,A]; C08L0057-00 [I,C]; C08L0057-12 [I,A]

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d 12 1-10

L2 ANSWER 1 OF 10 EPFULL COPYRIGHT 2008 EPO/FIZ KA on STN

AN 2003:114101 EPFULL
DUPD 20040630 DUPW 200427

TIEN POLYMERS BRIDGED BY A
TRANSITION METAL.

TIFR POLYMERES PONTES PAR DES METAUX DE TRANSITION.

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PA BASF AKTIENGESSELLSCHAFT, , 67056 Ludwigshafen, DE

PAN 200001

DT Patent

LAF German

LA German

LAP German

TL German; English; French

PIT WOAI International application published with search report

PI WO 2004037897 Al 20040506

DS AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE
SI SK TR

EXTENSION STATES: AL LT LV MK

AI EP 2003-809329 A 20031024
WO 2003-EP11852 A 20031024

PRAI DE 2002-10250274 A 20021028

IC.VER 7

ICM C08G065-00

AN 2003:114101 EPFULL ED 20050803 UP 20060512
DUPD 20060510 DUPW 200619

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Patentanwaelte Theodor-Heuss-Anlage 12, 68165 Mannheim, DE

AGN 52184

DT Patent

LAF German

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PIT EPA1 Application published with search report
 PI EP 1558667 A1 20050803
 WO 2004037897 20040506
 DS AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE
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 WO 2003-EP11852 A 20031024
 PRAI DE 2002-10250274 A 20021028
 IPCI C08G0065-00 [I,A]
 C08G0065-00 [I,C*]
 AN 2003:114101 EPFULL ED 20060928 UP 20080402
 DUPD 20080402 DUPW 200814
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 PA BASF Aktiengesellschaft, 67056 Ludwigshafen, DE
 PAN 200001
 AG Isenbruck, Guenter, Isenbruck, Boesl, Hoerschler, Wichmann, Huhn
 Patentanwalte Theodor-Heuss-Anlage 12, 68165 Mannheim, DE
 AGN 52184
 DT Patent
 LAF German
 LA German
 LAP German
 TL German; English; French
 PIT EPB1 Granted patent
 PI EP 1558667 B1 20060927
 WO 2004037897 20040506
 DS AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE
 SI SK TR
 AI EP 2003-809329 A 20031024
 WO 2003-EP11852 A 20031024
 PRAI DE 2002-10250274 A 20021028
 REN SCHUBERT ET AL.: "Approach towards high molecular mass polymers via
 metal complexing oligomers" POLYMER PREPRINTS, Bd. 42, Nr. 2, 2001,
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 542-543, XP009025724 in der Anmeldung erwaeht;
 SCHUBERT ET AL.: "Functionalized polymers with metal complexing
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 -terpyridine-based oligomers" MACROMOL. RAPID COMMUN., Bd. 21, Nr. 16,
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 SCHUBERT ET AL.: "Makromolekuele mit Bipyridin- und
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 A REVIEW" ADVANCES IN CHEMISTRY SERIES, AMERICAN CHEMICAL SOCIETY,
 WASHINGTON, DC, US, Bd. 223, 1989, Seiten 457-494, XP008001247 ISSN:
 0065-2393
 REP WO 9428060 A

ductruong

IPCI C08G0065-00 [I,A]
C08G0065-00 [I,C*]

L2 ANSWER 2 OF 10 PCTFULL COPYRIGHT 2008 Univentio on STN
AN 2004037897 PCTFULL ED 20040512 EW 200419
TIEN POLYMERS BRIDGED BY A
TRANSITION METAL
TIFR POLYMERES PONTES PAR DES METAUX DE TRANSITION
TIDE UeBERGANGSMETALL-VERBRUECKTE POLYMERE
IN NOERENBERG, Ralf, Turnierstr. 45, 55218 Ingelheim, DE [DE, DE];
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PA BASF AKTIENGESSELLSCHAFT, 67056 Ludwigshafen, DE [DE, DE], for all
designates States except US;
NOERENBERG, Ralf, Turnierstr. 45, 55218 Ingelheim, DE [DE, DE], for US
only;
WAGNER, Norbert, Frankenstr. 6, 67112 Mutterstadt, DE [DE, DE], for US
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FERNANDEZ GONZALEZ, Monica, Steubenstr. 14, 69121 Heidelberg, DE [DE,
DE], for US only;
SCHUBERT, Ulrich, An der Isarau 7, 85737 Ismaning, DE [DE, DE], for US
only;
SCHMATLOCH, Stefan, St. Rochusstraat 34, NL-5611 Eindhoven, NL [NL, NL],
for US only
AG ISENBRUCK, Guenter, Isenbruck Boesl Hoerschler Wichmann Huhn
Theodor-Heuss-Anlage 12, 68165 Mannheim, DE
LAF German
LA German
DT Patent
PI WO 2004037897 A1 20040506
DS W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL
IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK
SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
RW (ARIPO): GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
RW (EAPO): AM AZ BY KG KZ MD RU TJ TM
RW (EPO): AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR
RW (OAPI): BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
PRAI DE 2002-102 50 274.9 20021028
AI WO 2003-EP11852 A 20031024
ICM C08G065-00

L2 ANSWER 3 OF 10 USPATFULL on SIN
AN 2006:61409 USPATFULL
TI Polymers bridged by a transition
metal
IN Noerenberg, Ralf, TURNIERSTR. 45, INGELHEIM, GERMANY, FEDERAL REPUBLIC
OF 55218
Wagner, Norbert, Mutterstadt, GERMANY, FEDERAL REPUBLIC OF
Gonzalez, Minica Fernandez, Heidelberg, GERMANY, FEDERAL REPUBLIC OF
Schubert, Ulrich S., Ismaning, GERMANY, FEDERAL REPUBLIC OF
Schmatloch, Stefan, Eindhoven, NETHERLANDS
PA BASF AKTIENGESSELLSCHAFT, LUDWIGSHAFEN, GERMANY, FEDERAL REPUBLIC OF,
67056 (non-U.S. corporation)

ductruong

PI US 2006052579 A1 20060309
AI US 2003-532723 A1 20031024 (10)
WO 2003-EP11852 20031024
20050427 PCT 371 date
PRAI DE 2002-10250274 20021028
DT Utility
FS APPLICATION
LN.CNT 316
INCL INCLM: 528/423.000
INCLS: 528/492.000; 525/540.000
NCL NCLM: 528/423.000
NCLS: 525/540.000; 528/492.000
IC IPCI C08G0073-06 [I,A]; C08G0073-00 [I,C*]; C08F0006-00 [I,A];
C08L0057-12 [I,A]; C08L0057-00 [I,C*]
IPCR C08G0073-00 [I,C]; C08G0073-06 [I,A]; C08F0006-00 [I,C];
C08F0006-00 [I,A]; C08G0065-00 [I,C*]; C08G0065-333 [I,A];
C08G0065-338 [I,A]; C08L0057-00 [I,C]; C08L0057-12 [I,A]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L2 ANSWER 4 OF 10 USPATFULL on STN
AN 2001:18648 USPATFULL
TI Processes for the preparation of metallocene complexes
IN Yamazaki, Hiroshi, Tokorozawa, Japan
Nakano, Masato, Chiba, Japan
Mitani, Seiki, Yokohama, Japan
Saito, Jun, Kimitsu, Japan
Harada, Masato, Yokohama, Japan
Koyama, Mina, Tokyo, Japan
PA Chisso Corporation, Tokyo, Japan (non-U.S. corporation)
PI US 6184402 B1 20010206
WO 2000008035 20000217
AI US 2000-509645 20000522 (9)
WO 1999-JP4146 19990802
20000522 PCT 371 date
20000522 PCT 102(e) date
PRAI JP 1998-218730 19980803
DT Utility
FS Granted
LN.CNT 1177
INCL INCLM: 556/011.000
INCLS: 556/012.000; 556/028.000; 556/053.000; 502/103.000; 502/117.000;
526/160.000; 526/943.000
NCL NCLM: 556/011.000
NCLS: 502/103.000; 502/117.000; 526/160.000; 526/943.000; 556/012.000;
556/028.000; 556/053.000
IC [7]
ICM C07F017-00
ICS C07F007-00
IPCI C07F0017-00 [ICM,7]; C07F0007-00 [ICS,7]
IPCR C07F0017-00 [I,A]; C07F0017-00 [I,C*]; C08F0010-00 [I,A];
C08F0010-00 [I,C*]
EXF 556/11; 556/12; 556/28; 556/53; 502/103; 502/117; 526/160; 526/943
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 5 OF 10 USPATFULL on STN
AN 2000:128264 USPATFULL
TI Polymerization catalyst systems, their production and use
IN Specia, Anthony Nicholas, Kingwood, TX, United States
Brinen, Jeffrey Lawrence, League City, TX, United States

ductruong

PA Exxon Chemical Patents, Inc., Baytown, TX, United States (U.S. corporation)
PI US 6124230 20000926
AI US 1995-502231 19950713 (8)
DT Utility
FS Granted
LN.CNT 716
INCL INCLM: 502/111.000
INCLS: 502/124.000; 502/027.000; 526/127.000; 526/141.000; 526/142.000; 526/160.000; 526/161.000; 526/943.000; 526/351.000
NCL NCLM: 502/111.000
NCLS: 502/027.000; 502/124.000; 526/127.000; 526/141.000; 526/142.000; 526/160.000; 526/161.000; 526/351.000; 526/943.000
IC [7]
ICM B01J031-18
IPCI B01J0031-18 [ICM,7]; B01J0031-16 [ICM,7,C*]
IPCR C08F0004-00 [N,C*]; C08F0004-619 [N,A]; C08F0004-6192 [N,A]; C08F0010-00 [I,A]; C08F0010-00 [I,C*]
EXF 502/111; 502/124; 502/127
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 6 OF 10 USPATFULL on SIN
AN 2000:117860 USPATFULL
TI Polymerization catalyst systems, their production and use
IN Specia, Anthony Nicholas, Kingwood, TX, United States
Brinen, Jeffrey Lawrence, League City, TX, United States
PA Exxon Chemical Patents Inc., Houston, TX, United States (U.S. corporation)
PI US 6114479 20000905
AI US 1996-691848 19960730 (8)
RLI Continuation of Ser. No. US 1996-691848, filed on 30 Jul 1996 which is a division of Ser. No. US 1995-502231, filed on 13 Jul 1995
DT Utility
FS Granted
LN.CNT 634
INCL INCLM: 526/147.000
INCLS: 526/142.000; 526/129.000; 526/351.000; 502/152.000; 502/155.000
NCL NCLM: 526/147.000
NCLS: 502/152.000; 502/155.000; 526/129.000; 526/142.000; 526/351.000
IC [7]
ICM C08F0004-02
IPCI C08F0004-02 [ICM,7]; C08F0004-00 [ICM,7,C*]
IPCR C08F0004-00 [N,C*]; C08F0004-619 [N,A]; C08F0004-6192 [N,A]; C08F0010-00 [I,A]; C08F0010-00 [I,C*]
EXF 526/142; 526/129; 526/147; 526/141; 526/351; 502/152; 502/155
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 7 OF 10 USPATFULL on SIN
AN 1998:127795 USPATFULL
TI Oxidative delignification of wood pulp or fibers using transition metal-substituted polyoxometalates
IN Weinstock, Ira A., Madison, WI, United States
Hill, Craig L., Atlanta, GA, United States
PA The United States of America as represented by the Secretary of Agriculture, Washington, DC, United States (U.S. government)
Emory University, Atlanta, GA, United States (U.S. corporation)
PI US 5824189 19981020
AI US 1997-911572 19970814 (8)
RLI Continuation of Ser. No. US 1996-660971, filed on 12 Jun 1996, now

ductruong

patented, Pat. No. US 5695605 which is a continuation of Ser. No. US 1994-219041, filed on 28 Mar 1994, now patented, Pat. No. US 5552019 which is a continuation-in-part of Ser. No. US 1992-937634, filed on 28 Aug 1992, now patented, Pat. No. US 5302248

DT Utility

FS Granted

LN.CNT 1363

INCL INCLM: 162/079.000

INCLS: 530/506.000

NCL NCLM: 162/079.000

NCLS: 530/506.000

IC [6]

ICM D21C003-00

IPCI D21C0003-00 [ICM,6]

IPCR D21C0009-10 [I,C*]; D21C0009-10 [I,A]

EXF 162/79; 162/65; 162/78; 530/506; 530/500; 008/111; 008/107; 008/101

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 8 OF 10 USPATFULL on STN

AN 97:114779 USPATFULL

TI Oxidative delignification of wood or wood pulp by transition metal-substituted polyoxometalates

IN Atalla, Rajai H., Verona, WI, United States

PA The United States of America as represented by the Secretary of Agriculture, Washington, DC, United States (U.S. government)

PI US 5695606 19971209

AI US 1996-664488 19960617 (8)

RLI Division of Ser. No. US 1994-219041, filed on 28 Mar 1994, now patented, Pat. No. US 5552019 which is a continuation-in-part of Ser. No. US 1992-937634, filed on 28 Aug 1992, now patented, Pat. No. US 5302248

DT Utility

FS Granted

LN.CNT 1318

INCL INCLM: 162/079.000

INCLS: 530/506.000

NCL NCLM: 162/079.000

NCLS: 530/506.000

IC [6]

ICM D21C009-00

ICS D21C009-10

IPCI D21C0009-00 [ICM,6]; D21C0009-10 [ICS,6]

IPCR D21C0009-10 [I,C*]; D21C0009-10 [I,A]

EXF 162/79; 530/500; 530/506

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 9 OF 10 USPATFULL on STN

AN 97:114778 USPATFULL

TI Oxidative delignification of wood or wood pulp by transition metal-substituted polyoxometalates

IN Weinstock, Ira A., Madison, WI, United States

Hill, Craig L., Atlanta, GA, United States

PA The United States of America as represented by the Secretary of Agriculture, Washington, DC, United States (U.S. government)

Emory University, Atlanta, GA, United States (U.S. corporation)

PI US 5695605 19971209

AI US 1996-660971 19960612 (8)

RLI Continuation of Ser. No. US 1994-219041, filed on 28 Mar 1994, now patented, Pat. No. US 5552019 which is a continuation of Ser. No. US 1992-937634, filed on 28 Aug 1992, now patented, Pat. No. US 5302248

ductruong

DT Utility
FS Granted
LN.CNT 1350
INCL INCLM: 162/079.000
INCLS: 530/506.000
NCL NCLM: 162/079.000
NCLS: 530/506.000
IC [6]
ICM D21C003-00
IPCI D21C0003-00 [ICM,6]
IPCR D21C0009-10 [I,C*]; D21C0009-10 [I,A]
EXF 162/79; 530/500; 530/506
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 10 OF 10 USPATFULL on STN
AN 96:79892 USPATFULL
TI Oxidative delignification of wood or wood pulp by transition
metal-substituted polyoxometalates
IN Weinstock, Ira A., Madison, WI, United States
Hill, Craig L., Atlanta, GA, United States
Atalla, Rajai H., Verona, WI, United States
PA The United States of America as represented by the Secretary of
Agriculture, Washington, DC, United States (U.S. government)
Emory University, Atlanta, GA, United States (U.S. corporation)
PI US 5552019 19960903
AI US 1994-219041 19940328 (8)
RLI Continuation-in-part of Ser. No. US 1992-937634, filed on 28 Aug 1992,
now patented, Pat. No. US 5302248
DT Utility
FS Granted
LN.CNT 1361
INCL INCLM: 162/079.000
INCLS: 530/506.000
NCL NCLM: 162/079.000
NCLS: 530/506.000
IC [6]
ICM D21C003-00
IPCI D21C0003-00 [ICM,6]
IPCR C08L0097-00 [I,C*]; C08L0097-00 [I,A]; D21C0009-10 [I,C*];
D21C0009-10 [I,A]
EXF 162/65; 162/78; 162/79; 008/111; 008/107; 008/101; 530/500; 530/506
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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